

## **Proposed Approach to Consideration of**

### **Active Forest Management and Harvested Wood Products**

#### **A. Background Reading**

- a. IPCC 2001 Working Group 3 – Mitigation; Technical Summary Section 4 ([file: IPCC-2001-WG3-TechSum-Sec 4.pdf](#))
- b. IPCC 2007 Assessment Report Chapter 9 Forestry; Section 9.4 Assessment of Mitigation Options ([file: IPCC-2007-Assessment Report Mitigation.pdf](#))  
(Also available in hard copy: Marland and Schlamadinger, 1999. From Environmental Science and Policy 2:111 – 124)

#### **B. Refer to Figures**

- a. From materials provided by Richard Birdsey ([file: Birdsey-Slide17.gif](#))
- b. From materials provided by Mark Harmon ([file: Harmon-Krankina-slide31.gif](#))

#### **C. Approach**

- a. Use life-cycle carbon accounting approach as much as feasible, as described in background readings and figures.
- b. Consider four main strategies (non-exclusive) to increase life-cycle carbon uptake and storage in and from commercially-managed second-growth forests
  - i. Increase rotation length (where not already done)
  - ii. Increase management intensity (where not already done)
  - iii. Increase volume and/or duration of storage in wood product pool(s)
  - iv. Increase production of biomass energy from otherwise non-utilized material
- c. Form sub-group to consider all strategies
- d. Use Oregon workgroup's products to analyze application of offset design features
- e. Identify additional technical questions needing outside assistance
- f. Identify policy questions needing full group deliberation, possibly including:
  - i. How to treat future emissions from existing product pools
  - ii. How to treat co-benefits and what co-benefits to consider

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- iii. Whether and how to treat the potential for avoided emission resulting from product substitution of wood for products with greater embodied energy
- g. Describe the main features of strategies to be considered as potential offsets
- h. Identify applicable alternatives to cap-and-trade offsets to incentivize improvements in carbon uptake and storage